

BUG BEATER GARDEN AND PET INSECT CONTROL

EPA Reg. No. 4-430

NUISANCE PESTS INDOORS continued **Application Within Residential Buildings** **Including Homes and Apartment Buildings**

Carpenter Ants: Apply dust around doors and windows and other places where ants enter premises and where they crawl or hide. Also force dust into cracks and crevices or through openings or small newly drilled holes into wall voids where ants and/or nests are present. Use a sufficient amount to lightly cover area surfaces.

For Control of Carpet Beetles: Apply dust as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs, and furniture, in closets and on shelving, and wherever these insects are seen or suspected.

For Control of Ticks and Fleas: Apply dust as a spot treatment to infested areas, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. For best results, old pet bedding should be cleaned and replaced. To control the source of flea infestations, pets inhabiting the treated premises should be treated as directed below.

Wasps, Bees and Hornets: Apply dust on nest and surrounding areas. To treat nests in wall voids, drill a hole in the wall, blow in dust and reseal. It is best to treat wasp nests at night when insects are less active and have returned to the nest. Do not wear loose fitting clothing. Take necessary precautions to avoid stings. For best

results, carefully dust near nest and check one or two days after treatment to ensure complete kill. Repeat if necessary. If possible, remove and destroy nest to prevent hatching of new insects. For ground nests, carefully dust entrance and surrounding areas. Retreat in one or two days if wasp activity is still present. Do not use this product to treat overhead nests.

NUISANCE PESTS IN OUTDOOR AREAS OUTSIDE SURFACES OF BUILDING

Use Bug Beater Garden & Pet Dust on *Ants, Clover mites, Crickets, Earwigs, Millipedes, Spiders, Cockroaches, Sowbugs (pillbugs)* to help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, to outside surfaces of building, including porches, decks, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatments as needed to maintain effectiveness, but no more than once every 7 to 10 days.

To temporarily control *House Flies, Mosquitos, Cluster Flies, Gnats, Flying Moths:* Dust Pests on outside surfaces of screens, doors, window frames, or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects may alight or congregate. Repeat treatment as needed to maintain effectiveness, but no more than once every 7 to 10 days.

OTHER OUTDOOR AREAS

Use Bug Beater Garden & Pet Dust on *Ants, Crickets, Earwigs, Fleas, Lone Star Ticks* for treatment of localized infestations of these insects in areas where there are weeds or bushy non-crop areas, cover infested areas with a light coating of dust. For *Ants* (including *Fire Ants*), thoroughly treat hills and runways. Repeat treatment as needed to maintain effectiveness, but no more than once every 7 to 10 days.

DIRECTIONS FOR APPLYING ROSE & FLOWERS

Sites	Pests	How to Use
Ageratum, Aster, Ardisia, Azalea, Baby's Breath, Begonia, Birds-nest Fern, Bleeding heart, Carnation, Chrysanthemum, Coleus, Common Ninebark and Snowberry, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Exacum, Fuchsia, Gladiolus, Grape Ivy, Gold Bells, Hypoestes, Ivy Juniper, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Palm, Pansy, Pea Shrub, Peperomia, Petunia, Phildendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbit's Foot Fern, Rhododendron, Rose, Schefflera, Snake Plant, Statice Velvet Plant, Verbena, Zinnia	Aphids, Armyworms, Bagworms, Cabbage Worms, Cicadas, Cornworms, Cutworms, Exposed Thrips, Fall Cankerworms, Fall Webworms, Fungus Gnat, Inchworms, Japanese Beetles, Leafminers, Leafrollers, Mealybugs, Scale Crawlers, Spring Cankerworms, Spider Mites, Whiteflies, Rose Chafer, Psyllids, Scale Insects.	Apply at the first sign of insects. Lightly cover all plant surfaces. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.

Use with care on ferns, palms and fuchsia. As with all plants listed above, especially carnations, chrysanthemums, and roses, there exists a wide variety of species and cultivars, and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, dust a few plants as described above, wait 24 hours, and check for possible injury.

Repeat applications may be necessary to control adult Japanese beetles on roses.

On Tent caterpillars: Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. A few caterpillars may be seen escaping from the tent; however, they should die within several hours.

Vegetables

For Home Vegetable Gardens: Dust upper and lower leaf surfaces. Use sufficient amount to obtain full coverage of all foliage. Apply no more than 13 ounces over 200 linear feet, or 13 ounces per 200 square feet.

Sites	Pests	How to Use
Asparagus (Pre-Harvest)	Asparagus beetles, Cutworms	Apply as needed to ensure uniform coverage. Do not apply more than 4 applications per crop. Can be applied up to 3 days prior to harvest.
(Post-Harvest)	Larval stages of Asparagus beetle; Tarnished plant bug; Lygus bugs and adult Japanese beetle	Treat ferns or bush growth after spear harvest when insects are present.
Celery-See Leafy Vegetables		
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet armyworm, Cabbage aphid, Cabbage looper, Diamond back moth, Imported cabbageworm.	Apply every 5 days or as needed. Do not make more than 8 applications on Cauliflower, Brussels Sprouts and Broccoli and 10 applications on Cabbage. Can be applied up to 2 days prior to harvest.

Sites	Pests	How to Use
<p>Corn-See Sweet Corn</p> <p>Cucurbits: Balsam pear (bitter melon), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourds, melons including hybrids such as Cantaloupe, Casaba, Crenshaw, Honeydew, Honey balls, Mango melon, Muskmelon, Persian melon, Pumpkin, Summer & Winter squash, Watermelon</p>	<p>Aphids, Cabbage looper, cucumber beetle (adults), Cutworms, Leafhoppers, Leafminers, Melonworms, Pickleworm, Plant bugs, Squash bugs.</p>	<p>Apply as needed to ensure uniform coverage. Do not make more than 8 applications per crop. Can be applied up to the day of the harvest.</p>
<p>Eggplant</p>	<p>Colorado potato beetles, Vegetable Leafminers</p>	<p>Apply as needed to ensure uniform coverage. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.</p>
<p>Horseradish</p>	<p>Imported crucifer weevils</p>	<p>Apply as needed. Do not exceed 3 foliar applications. Can be applied up to 22 days prior to harvest.</p>

Sites	Pests	How to Use
<p>Leafy Vegetables: Amaranth, Arugula, Celery, Celtuce, Chervil, Corn salad, Chrysanthemum (edible-leaved and garland), cress (garden and upland), Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane, (garden and winter), Rhubarb, Spinach, Swiss chard</p>	<p>Alfalfa looper, Aphids, Beet Armyworm, Cabbage looper, Corn Earworms, Cutworms, European corn borer, Fall armyworm, Green cloverworm, Southern armyworm, Tobacco budworm, Vegetable leafminer</p>	<p>Apply every 5 to 10 days as needed. Do not apply more than 7 applications per crop. Can be applied up to 1 day prior to harvest.</p>
<p>Melons - See Cucurbits</p>		
<p>Potatoes</p>	<p>Beet armyworm, Colorado potato bee- tle, Potato leafhopper, Potato tuberworm, Cabbage looper, Cutworms, European corn borer, Potato psyllid, Tarnished plant bug</p>	<p>Apply as needed. Do not apply more than 12 appli- cations per crop. Can be applied up to 7 days prior to harvest.</p>

Sites	Pests	How to Use
Peppers	Vegetable leafminers, Cabbage looper, Flea beetle, Corn earworm, Pepper weevil, European corn borer	Apply as needed. Do not apply more than 8 applications per crop. Can be applied up to 3 days prior to harvest.
Sweet Corn	Corn earworm, European corn borer, Fall armyworm, Southern Armyworm	Apply every 5 days and when needed. Do not apply more than 6 applications per season. Can be applied up to 1 day prior to harvest.
Tomatoes	Beet and Southern armyworm, tomato pinworm, tomato fruitworm, horn worms, Granulate cutworms, Colorado potato beetle, Cabbage looper	Apply as needed for uniform coverage. Do not apply more than 6 applications per season. Can be applied up to day of harvest.

DOMESTIC ANIMALS

USE ONLY ON DOGS, CATS, BEEF & DAIRY CATTLE, HORSES, SWINE AND POULTRY. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing, or medicated animals.

Dogs & Cats: To control (kill) *Fleas, Ticks and Lice:* Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal avoiding pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. Repeat every three weeks. This product should not be applied by children.

Do not use on pregnant animals. Do not use on puppies or kittens under 12 weeks of age. Dust pet bedding and doghouse using a shaker can or other dust applicator.

Beef & Dairy Cattle, Horses: Can be used in dust bags, shaker can and mechanical dust applicator. To control (kill) *Hornflies, Lice, Face Flies*: Place contents of this package in a commercially available dust bag, suspend bag in areas frequented by animals or in gateways or lanes through which the animals pass daily for water, feed, or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. The bags should hang 4-6 inches below the back line of the cattle. For reduction of face flies, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

Direct Application: *Hornflies, Lice* - Apply 2 oz. of dust per animal by shaker can over the head, neck, shoulders, back and tailhead. Repeat as necessary. For hornflies on horses, dust with shaker can or dust glove along back, neck and legs.

Swine: Apply as direct application to control (kill) *Lice*, using 1 oz. per animal as a uniform coat to the head, shoulders and back, using a shaker can or suitable mechanical dust applicator. Repeat as necessary, but not more than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not ship animals for slaughter within 5 days of treatment.

Poultry: To control (kill) *Northern Fowl Mites* apply 1 lb. per 100 birds. Ensure thorough treatment of vent area.